

## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 05-098965 (71)Applicant : CASIO COMPUT CO LTD

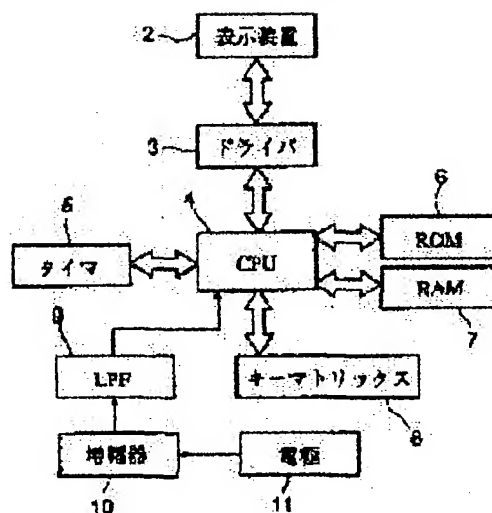
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## (54) LEARNING DEVICE

## (57)Abstract:

PURPOSE: To provide the learning device which most adequately controls the progressing condition, etc., of a learning program by judging the learner's physical and mental conditions.

CONSTITUTION: This learning device 1 detects the learner's brain waves by the electrode 11, analyzes the detected brain waves by a CPU 4, exactly judges the learner's physical and mental conditions in accordance with the generation ratios of the brain waves of the specific frequency range ( $\alpha$  waves,  $\beta$  waves,  $\theta$  waves and  $\delta$  waves) among the analyzed frequency components and most adequately controls the execution condition of learning programs, the progressing state of the degrees of difficulty in learning, the learning stop at the time of sleeping, the learning start timing at the time of awakening from the sleep, etc.



## LEGAL STATUS

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